

Date: Tuesday, 10/02/2009 3:09:13 PM  
 User: Julie Dawson

## Process Sheet

<b>Customer</b> : CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> : WEARPAD
<b>Job Number</b> : 45716	
<b>Estimate Number</b> : 12712	
<b>P.O. Number</b> :	<b>Part Number</b> : D35371
<b>This Issue</b> : 10/02/2009 <b>S.O. No.</b> :	<b>Drawing Number</b> : D3537 REV C
<b>Prsht Rev.</b> : NC	<b>Project Number</b> : N/A
<b>First Issue</b> : / / <b>Type</b> : SMALL /MED FAB	<b>Drawing Revision</b> : C
<b>Previous Run</b> : 45352	<b>Material</b> :
<b>Written By</b> :	<b>Due Date</b> : 24/02/2009 <b>Qty:</b> 40 <b>Um:</b> Each
<b>Checked &amp; Approved By</b> : <u>JLD 09-02-10</u>	
<b>Comment</b> : Est Rev:A New Issue 07-02-14 JLM	

## Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
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1.0	M304S16GA	304/316 Sheet .063
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**Comment:** Qty.: 0.1113 sf(s)/Unit Total : 4.4520 sf(s)  
 M304S16GA .063" 304 SS SHEET  
 Batch: 110551

ml 09 02 20

2.0	WATER JET	FLOW WATER JET
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**Comment:** FLOW WATER JET  
 1-Cut as per Dwg D3537  
 Dwg Rev: C  
 Prog Rev: C

2-Deburr if necessary

ml 09 02 20 (40)

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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ml 09 02 20



(40)

**Comment:** INSPECT PARTS AS THEY COME OFF MACHINE

4.0	QC8	SECOND CHECK
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JLD 20 (40)

**Comment:** SECOND CHECK

5.0	BRAKE NC	NC BRAKE
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**Comment:** NC BRAKE  
 1-Form as per Dwg D3537 on CNC brake using Jigs DT 8261 and DT 8326.  
 2-Identify as D3537-1

JB 09/02/25

(40)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Tuesday, 10/02/2009 3:09:13 PM  
User: Julie Dawson

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPAD

Job Number: 45716

Part Number: D35371

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

Qty Description Batch  
A/R 2059B Hardcoat M107963  
1-Weld as per Dwg D3537 using Jig DT 8210  
2-Remove any weld that penetrated through Wearpad if necessary

PL 9-4-1

7.0

QC10

VISUAL INSPECTION OF GROUND WELDS



Comment: VISUAL INSPECTION OF GROUND WELDS

S 02/04/01 (x40)

8.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

S 02/04/01 center (x40)

9.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3 M 109648

START TIME: 11:15  
OVEN TEMPERATURE: 320°  
FINISH TIME: 11:45

BR 09-04-2

(40)

10.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

09-04-01 (40)

11.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock  
Location: FD-17

BR 09-04-2

(40)

12.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

09/04/03

Job Completion



C209104103

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

<b>DART AEROSPACE LTD</b>		<b>Work Order:</b> <i>W5716</i>
<b>Description:</b> Wearpad		<b>Part Number:</b> D3537-1
<b>Inspection Dwg:</b> D3537	<b>Rev:</b> C	<b>Page 1 of 1</b>

### FIRST ARTICLE INSPECTION CHECKLIST

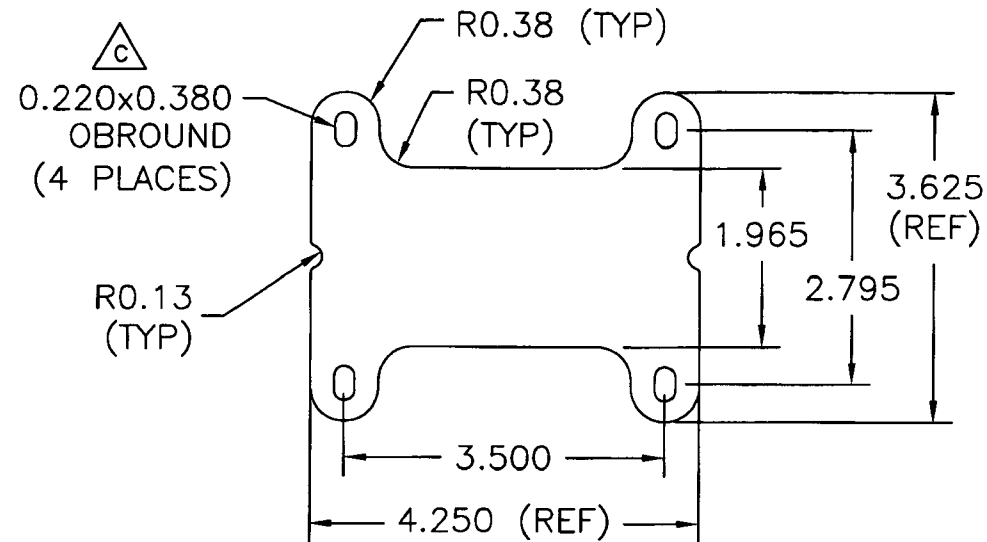
☒ **First Article**
☐ **Prototype**

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
4.250	+/-0.010	4.254	✓		vern	
3.500	+/-0.010	3.501	✓		vern	
1.965	+/-0.010	1.966	✓		vern	
2.795	+/-0.010	2.795	✓		vern	
3.625	+/-0.010	3.625	✓		vern	
0.220 x 0.380	+/-0.010	0.224 x 0.380	✓		vern	

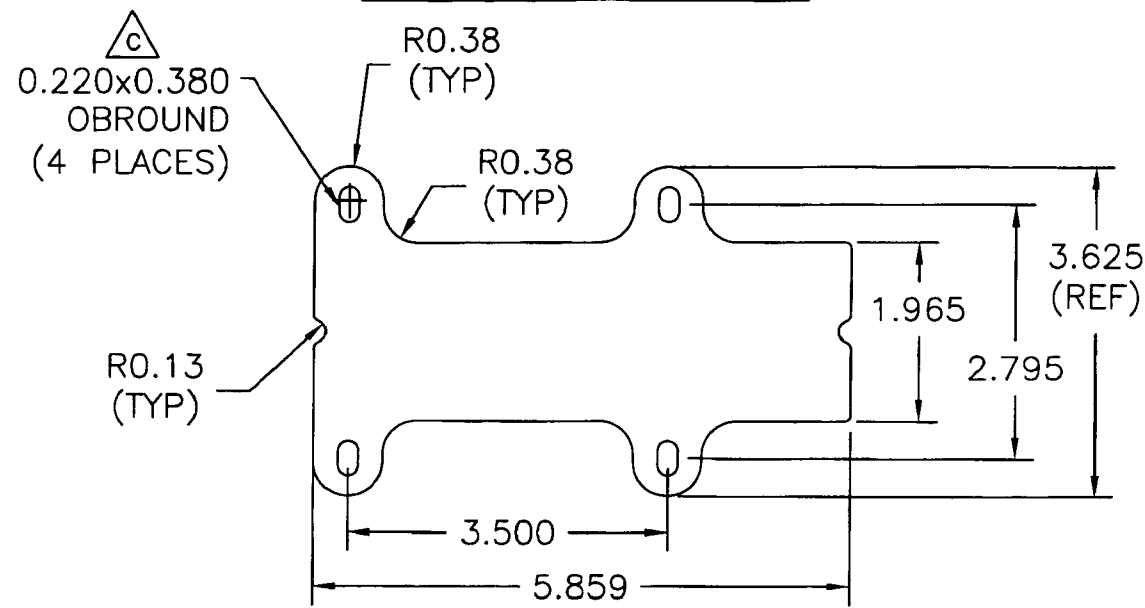
<b>Measured by:</b> <i>M.M</i>	<b>Audited by:</b> <i>[Signature]</i>	<b>Prototype Approval:</b>	N/A
<b>Date:</b> <i>09/02/20</i>	<b>Date:</b> <i>06/02/20</i>	<b>Date:</b>	N/A

Rev	Date	Change	Revised by	Approved
A	07.03.21	New Issue	KJ/JLM	
B	07.04.27	Dimensions revised per Dwg Rev. B	KJ/JLM	
C	07.05.28	Dimensions revised per Dwg Rev. C	KJ/JLM <i>[Signature]</i>	<i>[Signature]</i>

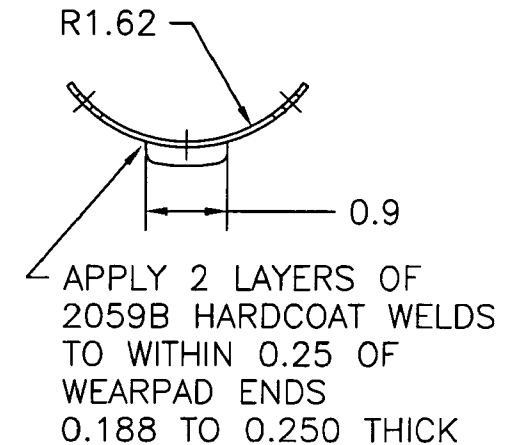
### D3537-1F FLAT PATTERN



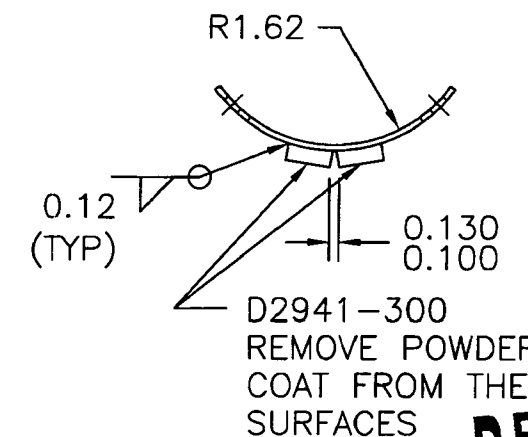
### D3537-3F FLAT PATTERN



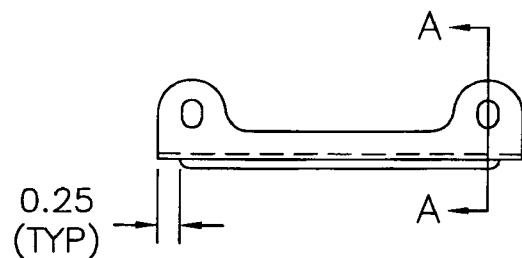
### SECTION A-A



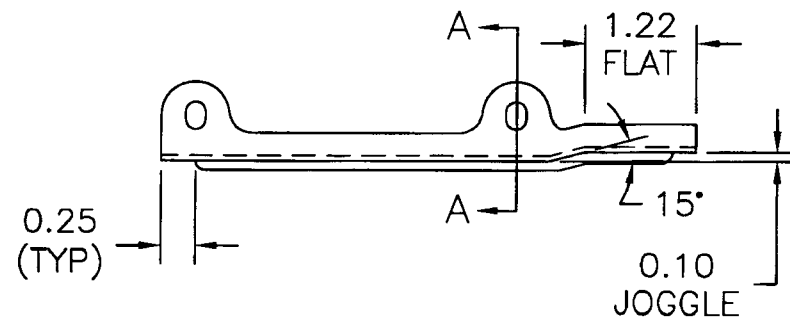
### SECTION B-B



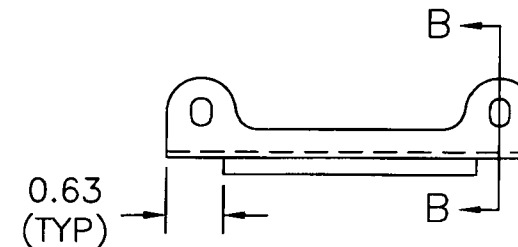
### D3537-1 LONGITUDINAL BEND (MADE FROM D3537-1F)



### D3537-3 LONGITUDINAL BEND (MADE FROM D3537-3F)

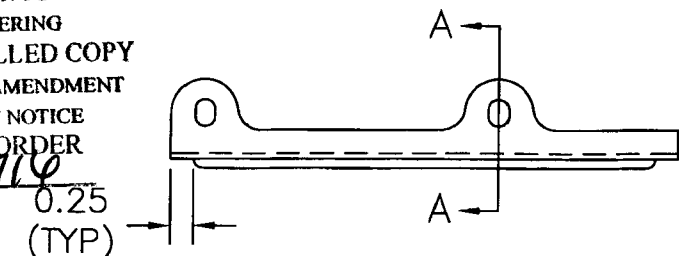


### D3537-5 LONGITUDINAL BEND (MADE FROM D3537-1F)



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 45718

### D3537-7 LONGITUDINAL BEND (MADE FROM D3537-3F)



### D3537-1/-3/-5/-7 WEARPAD NOTES

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 16 GAUGE (0.063 THICK)  
(REF DART SPEC. M304S16GA)
- 2) BREAK ALL SHARP CORNERS 0.063 MAX
- 3) WELD PER QSI 004
- 4) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER QSI 005 4.3
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

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C	07.04.13	WIDEN TAB TO 0.380, WELD PATTERN
B	07.03.20	ADD AMS 5513 AND AMS 5524
A	06.11.06	NEW ISSUE
DESIGN	CB	DRAWN BY PH
CHECKED	#	APPROVED #
DATE	07.04.13	TITLE WEARPAD
DRAWING NO.	D3537	REV. C
		SHEET 1 OF 1
		SCALE 1:2

**DART** DART AEROSPACE USA, INC.  
PORT HADLOCK, WA

**RELEASED**  
07.05.08 PH  
per ECU 962